# **FINAL**

# **APPENDIX C-**

# **LOGICAL OPERATORS**

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## Appendix C contain:

#### **Inclusive Values**

This section provides a list of values with examples that can be used in defining the selection criteria for reports to include sepcific information.

#### **Exclusive Values**

This section provides a list of values with examples that can be used in defining selection criteria for reports to exclude specific information.

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## **C LOGICAL OPERATORS**

### Inclusive Values

<b>Logical Operator</b>	Action	Example	
=	= If the data in the field matches the value		
EO	specified, the record is selected.	Result:	Selects all records that have HV in
			the <u>Current Fee Status</u> field.
	If the data in the field matches any one of the values specified, the record is selected	Entry:	
AMONG		Result:	Selects all records that have 2, 8, or
	the values specified, the record is selected		10 in the <u>Case Step</u> field.
	If the data in the field falls between the two values specified, the record is selected.	Entry:	Case Step BETWEEN 3, 6
BETWEEN		Result:	Selects all records that have 3, 4, 5,
	various specifica, the record is selected.		or 6 in the <u>Case Step</u> field.
	ICA - 1-4- in the Colling and and and	Entry:	<u>Days in Inventory</u> > 99
>	If the data in the field is greater than the value specified (in the future for date or	Result:	Selects all records that have been
GT	time fields), the record is selected.		in inventory for more than 99 days
			(e.g., 100 days, 108 days).
		Entry:	<u>HUD 27011 Received</u> < 1995-12-
			31
<	If the data in the field is less than the value	Result:	Selects all cases where the HUD
LT	specified (in the past for date or time fields), the record is selected.		27011 was received prior to
			December 31, 1995 (e.g., received
			on 12/29/1995, received on
			1/4/1992).
	If the data in the field is greater than or	Entry:	
GE	equal to the value specified (future or current for date or time fields), the record is selected.	Result:	
			date on or after December 31, 1995
			(e.g., 12/31/1995, 1/4/1996,
			12/15/1997)
		Entry:	Days in Inventory LE 200
LE	If the data in the field is less than or equal to the value specified (past or current for date or time fields), the record is selected.	Result:	
			inventory for 200 days or less (e.g.,
	of time neits), the record is selected.		in inventory for 200 days, 188 days,
			19 days)

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<b>Logical Operator</b>	Action	Example	
LIKE	If the data in the field includes the value specified in the same position or pattern in the field as the value entered, the record is selected. Wildcards (%) are allowed when entering the value. The wildcard placement indicates whether other characters come before the value entered, after the value entered, or both before and after the value entered.	Entry:	Address LIKE 430% Selects all records where the address begins with 430 (e.g., 430 Elm Street, 430 West 5 <sup>th</sup> Place). Address LIKE %430 Selects all records with 430 in the Address field but not at the start of the address (e.g., 5430 Elm Street, Unit 430, South 430 Elm Street).
CONTAINS	If the value entered is contained anywhere in the data field, the record is selected.	Entry: Result:	Address CONTAINS Street Selects all records that have the word Street in the Address field (e.g., 479 Maple Street, 922 Streeter Lane).

### **Exclusive Values**

Logical Operator	Action		Example
NE	If the data in the field does not match the value entered, the record is selected.	Entry: Result:	Acquisition Code NE B Excludes only those records with B (Buybacks-Reacquisition Property) in the Acquisition Code field.
NOT AMONG	If the data in the field does not fall within the values entered, the record is selected.	Entry: Result:	Step NOT AMONG 1,3,5 Excludes cases that are in steps 1,3, or 5 and includes all other cases (i.e., includes cases in steps 0, 2, 4, 6, 7, 8, 9, 10).
NOT BETWEEN	If the data in the field is not between the values entered, the record is selected.	Entry: Result:	HUD 27011 Received NOT BETWEEN 1995-01-31, 1995-06-30 Excludes the records where the HUD 27011 was received between January 31, 1995 and June 6, 1995 and includes all other records in the database.
NOT LIKE	If the data in the field does not include the value specified in the same position or pattern in the field as the value entered, the record is selected. Wildcards (%) are allowed when entering the value. The wildcard placement indicates whether other characters come before the value entered, after the value entered, or both before and after the value entered.	Entry: Result:	City NOT LIKE Fran%  Excludes all properties in cities that begin with "Fran" (e.g., Franklin, Frankfurt) and includes all records that do not have Fran as the first four characters in the City field (e.g., San Francisco, Clarksburg, Washington).
NOT CONTAINS	If the value entered is not contained anywhere in the data field, the record is selected.	Entry: Result:	<u>City</u> NOT CONTAINS Clarksburg Excludes properties in Clarksburg and includes all records that do not have Clarksburg in the <u>City</u> field.